

Michael Duran, M.D.

ACADEMIC EXPERIENCE

2021 – Current Assistant Professor of Orthopaedic Surgery, University of Arizona
College of Medicine - Phoenix

EDUCATION AND CERTIFICATION

Current Board Eligible, American Board of Orthopaedic Surgery

2020 – 2021 Musculoskeletal Oncology Fellow, The University of Texas MD Anderson
Cancer Center – Houston, Texas

2015 – 2020 Orthopaedic Surgery Resident, University of Arizona College of Medicine - Phoenix

2011 - 2015 Doctor of Medicine (M.D.), University of Colorado School of Medicine, Aurora,
Colorado, May, 2015

1999 - 2003 B.S., United States Military Academy, Systems Engineering, West Point, NY May
2003

RESEARCH EXPERIENCE

2015 – 2020 University of Arizona College of Medicine – Phoenix, Department of Orthopaedic
Surgery

- Clinical research in multiple sub-specialties in Orthopaedic Surgery
- Multiple podium and poster presentations
- AAOS podium presentation 2018

2011 - 2015 University of Colorado School of Medicine, Department of Orthopaedic Surgery

- Karen D. King Ph.D.; University of Colorado, Department of Orthopaedics
- Developed and implemented reproducible surgical instability model of
osteoarthritis (OA) in a murine model assessing correlation of diabetes and OA
- Data analysis and Colorado Multiple Institutional Review Board for research
on Retrospective Study of Diabetes, Carpal Tunnel Syndrome and Trigger
Finger Syndrome

PUBLICATIONS/PRESENTATIONS/POSTER SESSIONS

2019 Auran, Richard L., **Michael D. Duran**, Amalia M. de Comas, and David J. Jacofsky.
"Management of Pathologic Fractures Around the Hip: Part 1–Femur." *The Journal of
Hip Surgery* 3, no. 02 (2019): 093-103.

2019 Auran, Richard L., **Michael D. Duran**, Amalia M. de Comas, and David J. Jacofsky.
"Management of Pathologic Fractures Around the Hip: Part 2–Acetabulum." *The
Journal of Hip Surgery* 3, no. 02 (2019): 104-112.

2018 **Duran M**, Walker JB, Karr SD, Lendrum JA, Jones N, Lowe JA, Jones CB.
Management of Aseptic Pertrochanteric Femoral Fracture Nonunions. *Advances in
Orthopedics Journal* (submitted).

- 2018 Auran, RL, **Duran M**, de Comas A, Jacofsky D. Current Management Concepts for Pathologic Fractures of the Proximal Femur: A Review Article. *The Journal of Hip Surgery* (pending review).
- 2018 **Duran M**, Eyberg B, Walker JB, Karr SD, Lendrum JA, Jones N, Lowe JA, Jones CB. Management of Aseptic Pertrochanteric Femoral Fracture Nonunions. Western Orthopaedics Association Annual Meeting Podium Presentation. Aspen, CO. August 3, 2018.
- 2018 **Duran M**, Auran RL, de Comas A. Trends in the Evaluation and Management of Suspected Metastatic Long Bone Fractures by the General Orthopedist. University of Arizona College of Medicine Resident Research Day Podium Presentation. Phoenix, AZ. May 12, 2018.
- 2018 **Duran M**, Walker JB, Karr SD, Lendrum JA, Jones N, Lowe JA, Jones CB. Management of Aseptic Pertrochanteric Femoral Fracture Nonunions. American Academy of Orthopaedic Surgeons Annual Meeting Podium Presentation. New Orleans, LA. March 8, 2018.
- 2018 Digiovanni R, **Duran M**, Walker JB, Enfield DB, Jones CB. Pre-operative Regional Anesthesia Decreases Length of Stay in Isolated Tibial Shaft Fractures. American Academy of Orthopaedic Surgeons Annual Meeting Poster Presentation. New Orleans, LA. March 8, 2018.
- 2017 Digiovanni R, **Duran M**, Walker JB, Enfield DB, Jones CB. Pre-operative Regional Anesthesia Decreases Length of Stay in Isolated Tibial Shaft Fractures. University of Arizona College of Medicine Resident Research Day Podium Presentation. Phoenix, AZ. May 13, 2017.
- 2017 **Duran M**, Walker JB, Karr SD, Lendrum JA, Jones N, Lowe JA, Jones CB. Management of Aseptic Pertrochanteric Femoral Fracture Nonunions. University of Arizona College of Medicine Resident Research Day Podium Presentation. Phoenix, AZ. May 13, 2017.
- 2017 Walker JB, Karr SD, **Duran M**, Lendrum JA, Jones N, Lowe JA, Jones CB. Intramedullary Screw Versus Plate Fixation of Fifth Metatarsal Base Fracture Nonunions. University of Arizona College of Medicine Academic Excellence Day Poster Presentation. Phoenix, AZ. May 4, 2017.
- 2017 **Duran M**, Walker JB, Karr SD, Lendrum JA, Jones N, Lowe JA, Jones CB. Management of Aseptic Pertrochanteric Femoral Fracture Nonunions. University of Arizona College of Medicine Academic Excellence Day Poster Presentation. Phoenix, AZ. May 4, 2017.
- 2016 **Duran M**, Chung A, Hustedt J, Fraser J, Olmscheid N, Ringler J, Jones CB. Trends in Femoral Neck Fracture Management; A Database Study from 2001-2011. University of Arizona College of Medicine Academic Excellence Day Poster Presentation. Phoenix, AZ. June 18, 2016.
- 2014 **Duran M**, Shum L, Clark R, McNulty M, King K. A New Animal Model for Determining the Effects of Diabetes on Osteoarthritis. *2014 Osteoarthritis Research Society International, Paris, France (Abstract and Poster, April 2014)*

- 2014 **Duran M**, Shum L, Clark R, McNulty M, King K. A New Animal Model for Determining the Effects of Diabetes on Osteoarthritis. *2014 Denver Veterans Affairs Medical Center Research Day (Abstract and Poster, April 2014)*
- 2013 **Duran M**, Shum L, Clark R, McNulty M, King K. A New Animal Model for Determining the Effects of Diabetes on Osteoarthritis. *28th Annual Student Research Forum, University of Colorado (Abstract and Poster, December 2013)*

HONORS AND AWARDS

- 2003-2011 Army Awards: Two valorous combat awards, Bronze Star Award, Combat Infantry Badge, Ranger Tab and Airborne
- 2000-2003 USMA Dean’s List
- 2000-2001 USMA Superintendent’s Award (Academic, Military and Physical Achievement)

MILITARY EXPERIENCE

- 2008-Present Commissioned Officer, United States Army, Colorado and Arizona National Guard
- Currently serving as a Physician in the Arizona National Guard Medical
 - Responsible for periodic health assessments and the medical readiness of the Arizona Army National Guard
- 2003-2008 Commissioned Officer, United States Army
- Served as Security Detachment Commander responsible for elite Security unit deployed in support of Operation Iraqi Freedom
 - Served as Infantry Platoon Leader responsible for 39 Soldiers in support of Operation Iraqi Freedom

COMMUNITY SERVICE

- 2012-2013 Colorado Chapter Captain Team Red White and Blue
- Led Colorado Chapter of a national non-profit organization focused on supporting wounded veterans.
- 2010 – 2011 Volunteer, Colorado AIDS Project
- Volunteer at HIV/AIDS testing center in Denver, administrative responsibilities

INSTITUTIONAL SERVICE

- 2013 – 2014 Professional Leadership Development Course
- Personally responsible for creating and implementing an elective personal leadership development course
 - Established as an elective longitudinal course that will be piloted with 25 first year medical students in fall of 2014
- 2011 – 2015 Student Representative for Faculty Senate
- Represent student interests at Faculty Senate meetings
 - Keep students informed of issues stemming from Faculty Senate

HOBBIES & INTERESTS

Hunting, fishing, and being a parent spectator in youth hockey and lacrosse